

BEGIN

REEL #476

RUDOLF, MIA
to

RUDOLF, Mihaly, okleveles bányamernok

Application of mechanical mining and modernization of supports
and transportation in the Komlo coal basin. Bány lap 96 no.11:
887-888 N '63.

1. Komloi Szenbányászati Troszt, Kcmlo.

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Cz 12 no.8:409-410 Ag '62.

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RUDOLF, M.

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97 1952. (CLML 22:5)

1. Of the Institute of Biology (Head--Prof. St. Skowron, M. D.)
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VOYTSEKHOVSKI, V. [Wojciechowski, W.]; EZHOVSKA-TSHEBYATOVSKA, B. [Jezovska-Trzebiatowska, B.]; RUDOL'F, N. [Rudolf, N.]

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1. Kafedr neorganicheskoy khimii Vrotslavskogo Universiteta,
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1. Sekretarz Komitetu Centralnego Związku Młodzieży Socjalistycznej.

RUDOLF, Vladimir

Fyzika pre 11. roc. vseob. vzdel. skol. (Physics for the 11th grade of schools of general education. a textbook. Tr. from the Czech. 3d ed. illus., index, notes, tables)
Authors: Vladimir Rudolf, Josef Fuka, Alojz Hlavicka. Bratislava SPN, 1957.

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RUDOLF, V.; MEITNER, E.R.

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lek. listy 43 Pt. 1 no.12:717-720 '63.

1. Ústav patologickej anatomic Lek. fak. Univ. Komenského
v Bratislave, vedúci doc. MUDr. M. Brozman.
(MONSTERS) (FETAL DEATH) (TERATOID TUMOR)
(NECK NEOPLASMS)

Rudolf ~~V~~ VLADIMIR

CZECHOSLOVAKIA/General Section - Education

A-5

Abs Jour : Ref Zhur - Fizika, No 4, 1958, No 7511

Author : Rudolf Vladimir

Inst : Not Given

Title : Procedure for Teaching the Topic "Potential" in the Eleventh
Class of General Educational Schools

Orig Pub : Prirod. vedy skole, 1957, 7, No 7, 627-633

Abstract : No abstract

Card : 1/1

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no.11:685-690 '63.

1. Katedra patologickej anatomie Lek. fak. Univ. Komenskeho v
Bratislave; veduci doc. MUDr. M. Brozman.

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Uncl.

FUDOL'F, Y

Mic
Misc
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Tema: Vnutrenniye vzaimootnosheniya sovetskikh khozyaystvennykh organizatsiy i ikh rukovoditeley v sovetskoy Germanii (Outline: Domestic interrelation of Soviet economic organizations and their leadership of Soviet Germany) (n.p.) (n.d.)

61 p

Microfilm.

"Personal experience of the author during the time of his service in special committee in the Soviet Ministries and in the Soviet Military administration of Germany."

CZECHOSLOVAKIA

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Institute of Pathological Anatomy of the Med. Fac. of Komen-
sky Uni. (Ustav patologickej anatomie Lek. fak. Univ.
Komenskeho), Bratislava (for both)

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(Bumblebees) (Clover) (Seed industry)

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no. 11:71-77 '63. (MIRA 17:9)

RUDEL'F, V.V.

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1. Tsentral'nyy nauchno-issledovatel'skiy institut pivo-bezalkogol'noy i vinnoy promyshlennosti Moskovskogo gorodskogo sovea narodnogo kho-zyaystva.

RUZOL'F, V.V.

Continuous process for the production of soft drinks. Trudy TSentr.
nauch.-issl. inst. piv., bizal's i vin. prom. no. 04109-122 '63.
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RUDOL'F, V.V.

[Continuous processes for the preparation of soft drinks]
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pitkov. Moskva, TSentr.in-t nauchno-tekhn.informatsil pi-
shchevoi promyshl., 1963. 43 p. (MIRA 17:.)

RUDOLF, W.W.

Ways of reducing losses in dry substance in the production of alcohol-free beverages. Przem ferment 1 rol 8 no.2:71-74 F '65.

1. Head, Laboratory of Alcohol-Free Beverages of the All-Union Research Institute of the Institute of Brewing Alcohol-Free Beverages and Wine-Making Industry, Moscow.

RUDOLF, Zygmunt, prof. mgr inż.

Sanitary and hydraulic engineering and hydrobiology. Gosp wodna 25
nr. 1:3-4 Ja '65.

1. Department of Sanitary Engineering, Technical University, Warsaw.

ABSTRACT, Symposium; STANDARDS, Policy

Call in suburban settlements and its sanitation importance.
Goswada techn sanit 33 no.5:148-149 Ny '64

1. Department of Sanitation Engineering, Technical University,
Moscow.

KAMBIENSKI, R., mgr. inż.; KADUNSKI, Bohdan, doc. dr.; KLABE, Zygmunt,
prof.

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1. Katedra Techniki Sanitarnej, Poltechnika, Warszawa.

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Sewage purification a national problem. Przegl techn 85 no.2:
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of trash and garbage. Gaz woda tech sanit 36 no.6:223-225
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New solutions in balneotechnical designing of health resort installations. Gaz woda tech sanit 36 no.6:235-237 Ja '62.

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pollution. Gosp wodna 21 no.10:414-416 0 '61.

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Achievements of prefabrication in sanitary constructions and problems
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Techników Sanitarnych) Warszawa
Vol. 30, no. 4, Apr. 1956

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The present state of sanitary technique in Poland and prospects of its development.
p. 202

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Technikow Sanitarnych, Ogrzewnictwa i Gazownictwa) Warszawa, Poland
Vol. 33, no. 5, May 1959

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RUDOLF, W.

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RUDOLF, Z.

Sanitary engineering as an expression of care for man. p. 132.
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GAZ, WODA I TECHNIKA SANITARNA, Warszawa, Vol. 29, no. 5, May 1955.

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 „Badania technologiczne śmieci miejskich”. Gaz, Woda i Technika
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 In order to table a project of methods most suitable for rendering
 city waste innocuous or for utilizing it, the authors attempted to find
 the best method for analysing and classifying such waste products. In
 view of the possibility of, in Polish conditions, utilizing waste products
 as fertilizers for softening heavy loamy soil, or — after combustion —
 as clinders for the manufacture of prefabricated elements, the follow-
 ing method of testing is suggested, it consists in: — 1) mechanical
 analysis and extraction of useful waste; 2) chemical analysis to establish
 the content of P_2O_5 , K_2O , N , CaO , MgO , Al_2O_3 ; 3) examination of
 clinders from the combustion of the waste for content of SiO_2 , CaO ,
 Al_2O_3 , Fe_2O_3 , MgO , sulphides and sulphates.

RUDOLF, Zygmunt, prof.

Eugeniusz Zaczynski; obituary. Archiw hydrotech 12 no.1:63-
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Rudolf Z., Prof.

Rudolf Z., Prof. (Eng.) "Hygiene Technics as a Problem of the Control of Environment." (Technika sanitarna jako zagadnienie kontroli srodowisha). Gospodarka Wodna, No. 3, 1950, pp. 113-116.

Taking into account A. N. Sysin's work, the author reviews the application of scientific control of environment in order to select, from the hygiene point of view, suitable areas for settlements to ensure the due supply of water, with a corresponding sewage system and the elimination or neutralisation of garbage and refuse. The analysis of soil, water and air. The preparation of the area for man's acclimatisation. The presence and influence on man of microelements. The contamination of the surroundings, ground, water and air. The investigation of sanitary data. The processes of self-purification. The new tasks of hygiene and sanitary technics.

SO: Polish Technical Abstracts - No. 2, 1951

RUDOLF, Zygmunt, prof. mgr inż.

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189-191 Je '6'.

1. Department of Sanitary Engineering, Technical University,
Warsaw.

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"Problem of Equity of River Water in the Soviet Union", p. 341, (DOKLADY
VSEI, Vol. 18, No. 2, Sept. 1954, Moscow, Poland)

SC: Monthly List of East European Accessions, (EBAL), LS, Vol. 7, No. 5,
May 1955, Incl.

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"Ten years of sanitary engineering in People's Poland," Gaz, Woda I Technika Sanitarna, Warszawa, Vol 28, No 7, July 1954, p. 194.

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RUDOLF, Z. ; MACZUNSKI, M.

(GAZ, WODA I TECHNIKA SANITARNA, Vol. 28, No. 1, Jan. 1954, Warsaw, Poland)
"Technological testing of town refuse." p. 18

SO: MONTHLY LIST OF EAST EUROPEAN ACCESSIONS, L.C., Vol. 3, No. 4, APRIL 1954

RUDOLF, Z.

(GAZ, WODA I TECHNIKA SANITARNA, Vol. 27, No. 11, Nov. 1953, Warsaw, Poland)
"Methods and achievements of sanitary technique in the Soviet Union." p. 311

SO: MONTHLY LIST OF EAST EUROPEAN ACCESSIONS, L.C., Vol. 3, No. 4, APRIL 1954

RUDOLF, Z.

"Fighting For Technical Progress In The Field Of Sanitary Technique" p. 262.
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SO: Monthly List of East European Accessions, Library of Congress, Vol. 2, No.10,
October 1953. Unclassified.

RUDOLF, Z.; CHOJNACKI, A.

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SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955 Uncl.

"On the technical and sanitary survey upon the purification of sewage as an element of economical management." p. 33
(Gospodarka Wodna, Vol 13 No 1 Jan 53 Warszawa)

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RUDOLF, Z.; CHOJNACKI, A.

(GAZ WODA I TECHNIKA SANITARNA, Vol. 27, No. 12, Dec. 1953, Warsaw, Poland)
"Field researches for the purification of industrial sewage." p. 369

SO: MONTHLY LIST OF EAST EUROPEAN ACCESSIONS, L.C., Vol. 3, No. 4, APRIL 1954

RUDOLF, Zygmunt, prof. mgr inż.

Soil waters in sanitary engineering and their sanitary protection.
Gosp wodna 22 no.11:485-487 N '62.

1. Katedra Techniki Sanitarnej, Politechnika, Warszawa.

TEST AND 2ND ORDERS		PROCESSES AND PROPERTIES INDEX		1ST AND 2TH ORDERS	
2 The battle with dust in Polish cities. Z. Rudolf, St. Korsak and M. Rzecki. <i>Gazeta Wiedzy</i> 17, 391-401 (1937). An analysis of Warsaw air is given. The amt. of dust falling on a flat surface is found to be 1.5 times as great as that in London because of irrational burning of coal. The amt. and size of particles, due to fires in homes, can be eliminated by careful city planning as good ventilation was found to reduce it greatly. The amt. of chem. impurities, especially from automobiles, was found to be above the American mean (0.01% CO₂) in all but 2 tests. Tests were also carried out in a coal-mining town (Dąbrowa Górnicza) in 2 groups: (I) 10 m. and (II) 200 m. away from a steel mill. Found: 20.0% O₂; 0.25% CO₂; and no CO at (I); and 20.7% O₂; 0.1% CO₂; and no CO at (II). In (I) 52 g. of dust settled daily; and in (II) 30 g. on a windy day and 2 g. on a rainy day. A review of the methods of reducing the production of harmful gases and methods of absorbing them are given. Frank Gonet					
ASME-SLA METALLURGICAL LITERATURE CLASSIFICATION					
GROUPS					

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Rudolf Z., Liebfeld J. Report on the Work of the Sanitary Engineering Sub-Section of Engineering Science at the First Congress of Polish Science.

„Sprawozdanie z prac Podsekcji Techniki Sanitarnej Sekcji Nauk Inżynierskich - Budowlanych Pierwszego Kongresu Nauki Polskiej”. Gaz Woda i Technika Sanitarna, No. 5, 1951, pp. 129-133.

The situation of sanitary engineering in pre-war Poland. The practical application of sanitary engineering carried the stigma of class distinction and the bourgeoisie. Post-war revolution. Subjects of work intended to contribute toward the implementation of the Six-Year Plan, and how this work can be practically applied. The necessity for close coordination of the program of scientific research with professional training. This coordination can only be carried out by a scientific institution, say, by the sanitary engineering nucleus of the Academy of Science.

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Rudolf Z., Prof. (Eng.). Hygiene Technics as a Problem of the Control of Environment.

„Technika sanitarna jako zagadnienie kontroli środowiska”. Gospodarka Wodna. No 3, 1950, pp. 113—116.

Taking into account A. N. Sysin's work, the author reviews the application of scientific control of environment in order to select, from the hygiene point of view, suitable areas for settlements, to ensure the due supply of water, with a corresponding sewage system and the elimination or neutralisation of garbage and refuse. The analysis of soil, water and air. The preparation of the area for man's acclimatisation. The presence and influence on man of microelements. The contamination of the surroundings, ground, water and air. The investigation of sanitary data. The processes of self-purification. The new tasks of hygiene and sanitary technics.

RUDOLF-SKOKOWSKA, Maria

Morbidity of preschool and school children as the index for preventive procedures. *Pediat. pol.* 37 no.10:1089-1099 0 '62.

1. Z Instytutu Matki i Dziecka w Warszawie, Dyrektor: prof. dr med.
F. Groer.

(PEDIATRICS) (PREVENTIVE MEDICINE) (SCHOOL HEALTH)

RUDOLF-SKOKOWSKA, Maria (Warszawa, ul. Kasprzaka 17.)

Attempted analysis of school child nutrition in rural areas. Pediat. polska
34 no.5:735-742 May 59.

1. Z Instytutu Matki i Dziecka w Warszawie Dyrektor: prof. dr med. F. Groer.
(NUTRITION, in inf. & child,
school child. nutrition in rural areas (Pol))

RUDOLF-SKOKOWSKA, Maria

Work load of school children according to surveys. Pediat. polska 32
no.12:1425-1426 Dec 57.

1. Z Instytutu Matki i Dziecka w Warszawie. Dyrektor: prof. Jr. Groer.
(SCHOOLS
work load of child. (Pol))

RUDOLF-SKOKOWSKA, Maria

Observation of children in summer camps. Pediat. polska 31 no.11:
1269-1280 Nov 56.

1. Z Instytutu Matki i Dziecka w Warszawie. Dyrektor: prof. dr. med.
Fr. Groer, Warszawa, ul. Opoczynska 10 m. 7.
(CHILD WELFARE,
summer camps (Pol))

RUDOLF-SKOKOWSKA, Maria

Social and epidemiological problems of tuberculosis in school children. Gruzlica 23 no.4:265-270 Apr. 1955.

1. Z Sanatorium dla Dzieci Im. J. Marchlewskiego w Otwocku
Dyrektor: dr M. Rudolf-Skokowska, Otwock, Sanatorium im.
Marchlewskiego.

(TUBERCULOSIS, in infant and child
in Poland, epidemiol. & social aspects)

RUDEL', Vladimir Vasil'yevich; TYURINA, N.S., retsenzent;
KOVALEVSKAYA, A.I., red.

[Production and use of citrus extracts for the soft
drinks industry] Proizvodstvo i ispol'zovanie tsitru-
sovykh nastoev dlia bezalkogol'noi promyshlennosti.
Moskva, Izd-vo "Pishchevaia promyshlennost", 1964. 116 p.
(MIRA 17:6)

9(2)

SOV/112-59-1-1729

Translation from: Referativnyy zhurnal, Elektrotehnika, 1959, Nr 1, p 245 (USSR)

AUTHOR: Savel'zon, M. D., Rudol'fi, G. R., and Yakubovich, S. I.

TITLE: Automating the Control of Electric Parameters of Radio Equipment

PERIODICAL: Radiotekhn. proiz-vo, 1957, Nr 15, pp 3-33

ABSTRACT: Comparing a voltage that depends on the parameter being controlled with a reference voltage (comparing their amplitudes and the error-signal polarity) is the principal method of quality control. Methods for controlling resistors, DC and AC voltages, and simple components directly connected to measuring circuits are described. A particular emphasis is made on the quality control of transformers and reactors. Block diagrams are presented, and automatic-control desks are described; the desks comprise switching devices, comparison circuits, automatic devices ensuring operation sequence, signaling systems, and power-supply sources. Desks for automatically controlling wiring, cables, transformers, stabilized-rectifier output, and

Card 1/2

SOV/112-59-1-1729

Automating the Control of Electric Parameters of Radio Equipment

frequency-response characteristics are described. Automation of controlling operations has increased productivity 15-30 times. Bibliography: 6 items.

S.A.B.

Card 2/2

BELOW, V.N.; RUDOL'FI, T.A.

Acylation of unsaturated hydrocarbons. Report No. 1: New data
on acetylation of ethylene hydrocarbons to the I.L.Kondratov reaction.
Trudy VNIISNDV no.2:7-8 '54. (MLBA 10:7)
(Hydrocarbons) (Acetylation)

3

Acylation of unsaturated hydrocarbons; I. New data on this problem of acetylation of hydrocarbons according to I. L. Kondakov's reaction. V. N. Belov and T. A. Rudol'f. *Sbornik State Obshchei Khim. Akad. Nauk S.S.S.R.* 1, 268-74 (1953); cf. Kondakov, *Zhur. Russ. Fiz.-Khim. Obshchestva* 24, 309 (1892); 26, 5 (1894).—In acetylation of cyclohexene with Ac_2O in the presence of metal chlorides (ZnCl_2 , SnCl_4) there is formed, along with the α -unsatd. ketone, some corresponding satd. β -chloro ketone; smaller amts. of similar materials are found in acetylations of octahydronaphthalene, triisobutylene, and cedrene. Formation of small amts. of esters (cyclohexyl or octahydronaphthyl acetates) was also recognized. The results thus indicate the formation of a ternary complex of the reacting substances with the catalyst which complex then cleaves into the halogenated ketone, unsatd. ketone, and AcOH , while the catalyst (ZnCl_2) is either released as such or as $\text{Zn}(\text{OAc})\text{Cl}$. To 82 g. cyclohexene and 127 g. Ac_2O was added in 3 hrs. 88 g. ZnCl_2 at $40-5^\circ$; after steam distn. of the mixt. there was obtained a ketonic fraction with 25% β -chloro ketone; heating the product with NaOAc gave 35% unsatd. ketone, $\text{C}_8\text{H}_{12}\text{O}$, b. $200-2^\circ$, n_D^{20} 1.4873, d_4^{20} 0.9650. Attempts to sep. the ketones by distn. led to decomposition. The chloro ketone can be concd. by treatment of the product with KMnO_4 , which raises the Cl content of the crude product to 13.7%; this with semicarbazide 1st

gives a ppt. of semicarbazone of the unsatd. ketone, after which the semicarbazone of the chloro ketone was formed; this m. 156° (cf. Wieland and Bettag, *C.A.* 17, 641). Among the reaction products was found a fraction, b. $58-74^\circ$, which after treatment with AcONa to remove traces of halogen, gave $\text{C}_8\text{H}_{11}\text{OAc}$, b. $170-1^\circ$, n_D^{20} 1.4401, d_4^{20} 0.8702. Similar reaction with *cis*-octahydronaphthalene (run on a steam bath) gave a ketone fraction, b. $100-10^\circ$, n_D^{20} 1.4938, d_4^{20} 0.9181, and *decahydronaphthyl acetate*, b. $101-7^\circ$; the yield of the former was about 33%. The ketone fraction gave 2 semicarbazones, m. $158-9^\circ$ and $197-8^\circ$, both having the formula $\text{C}_{12}\text{H}_{18}\text{ON}_3$; the latter appeared to be an individual, while the former was a mixt. of 2 substances, one of which was identical with the high m. deriv. The phys. constants of the 2 ketones were substantially alike. Acetylation of cedrene (4 hrs. at 120°) gave 34% ketone, $\text{C}_{17}\text{H}_{26}\text{O}$, b. $150-3^\circ$, n_D^{20} 1.5120, d_4^{20} 1.00; semicarbazone, m. $180-7^\circ$. Acetylation of triisobutylene at 70° gave 34% ketone (contg. a small amt. of Cl), which was purified through the semicarbazone, m. $173-4^\circ$; the pure ketone, $\text{C}_{12}\text{H}_{20}\text{O}$, b. $87-8^\circ$, n_D^{20} 1.4538, d_4^{20} 0.8487. G. M. Kisolapoff

AA [signature]

RUDOL'FI, T. A., and BELOV, V. N.

Acylation of Unsaturated Hydrocarbons. I. New Data Concerning the Acetylation of Ethylene Hydrocarbons Ascending to the Reaction of I. L. Kondakov, Page 266, Sbornik statey po obshchey khimii (Collection of Papers on General Chemistry), Vol I, Moscow-Leningrad, 1953, pages 762-766

All Union Sci Res Inst of Synthetic and Natural Essential Oils

1. BELOV, V. N., RUDOL'FI, T. A., SHEKHTMAN, G. Z.
2. USSR (600)
4. Acetylation
7. New data on the acetylation of unsaturated hydrocarbons with acetic anhydride in the presence of metal chlorides. Dokl. AN SSSR 88, no. 6, 1953.
9. Monthly List of Russian Accessions, Library of Congress, May 1953, Uncl.

RUDOL'FI, T.A., kandidat khimicheskikh nauk.

Extraction oils, their manufacture and use abroad. Masl.-zhir.
prom. 21 no.7:22-26 '55. (MLRA 9:1)

1.VNISNDV.

(Essential oils)

LASKINA, Ye.D.; BELOV, V.N. [deceased]; RUDOL'FI, T.A.; SHCHEDRINA, M.M.

Claisen rearrangement. Zhur. ob. khim. 34 no.12:4015-4018 D '64
(MIRA 18:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskikh
i natural'nykh dushistykh veshchestv.

VOUTSEKHOVSKAYA, A.L.; KOSUL'NIKOVA, N.A.; RUDOL'FI, T.A.; DASHUNIN, V.M.
BELOV, V.N. [deceased]

Transformations of δ -methyl- γ -alkyl- δ -valerolactones under
the effect of polyphosphoric acid. Zhur. VKhO 10 no.6:702-703
'65 (MIRA 19:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskikh
i natural'nykh dushistykh veshchestv. Submitted April 7, 1965.

SHARAPOVA, R.I.; RUDOL'FI, T.A.

Quantitative determination of ortho- and para-isomers of
some alkyl- and terpene phenols by spectrophotometry.
Zhur. anal. khim. 19 no.6:771-774 '64.

(MIRA 18:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteti-
cheskikh i natural'nykh dushistykh veshchestv, Moskva.

BELOV, V.N. [deceased]; SOLOV'YEVA, N.P.; RUDOL'FI, T.A.; VORONINA, I.A.

Macrocyclic lactones. Part 1: Synthesis and infrared spectra of thialactones. Zhur.org.khim. 1 no.3:546-550 Mr '65.

Macrocyclic lactones. Part 2: Synthesis of sulfonolactones and thialactone iodo~~m~~ethoxides. Ibid.:551-554

(MIRA 18:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskikh i natural'nykh dushistykh veshchestv, Moskva.

RUDOL'FI, T.A.; SUKHORUKOVA, T.V.; LASKINA, Ye.D.; BELOV, V.N. [deceased]

Coumarans, their synthesis and spectral studies. Zhur. ob. khim.
35 no.5:886-888 My '65. (MIRA 18:6)

RUDOL'FI, T.A.; SHARAPOVA, R.I.; LUSHCHIK, V.I.

Gas chromatography of cresol isomers. Zhur. anal. khim. 19 no.7:
903-905 '64. (MIRA 17:11)

1. All-Union Scientific-Research Institute of Synthetic and Natural
Perfumes, Moscow.

RUDOL'FI, T.A.; SHCHEDRINA, M.M.; LUSHCHIK, V.I.; LASKINA, Ye.D.

Gas-liquid chromatography and infrared spectra of isomeric allyl guetols and allyl guaiacols. Zhur. anal. khim. 19 no.5: 619-621 '64. (MIRA 17:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskikh i natural'nykh dushistykh veshchestv, Moskva.

AVAKOVA, L.S.; KUSTOVA, S.D.; RUDOL'FI, T.A.; SEVERTSEV, V.A.; TITOVA, N.B.;
CHERKAYEV, V.G.; SHCHEDRINA, M.M.

Increasing the menthol content of low menthol peppermint oil.
Trudy VNIISNDV no.6:164-166 '63. (MIRA 17:4)

RUDOL'FI, T.A.; SHCHEDRINA, M.M.; KOKHMANSKIY, A.V.

Analysis of isomers of menthol and menthone by the method of gas-
liquid chromatography and infrared spectroscopy. Trudy VNIISNDV
no.6:104-111 '63. (MIRA 17:4)

LASKINA, Ye.D.; RUDOL'FI, T.A.; BELOV, V.N. [deceased]

Coumarans, their synthesis and spectral studies. Zhur. ob. khim.
33 no.8:2513-2518 Ag '63. (MIRA 16:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskikh
i natural'nykh dushistykh veshchestv.

RUDOL'FI, T.A.; KORE, S.A.; REYNGACH, B.Ya.

Paper chromatography of certain organic acids. Trudy VNIISNDV
no.5:74-77 '61. (MIRA 14:10)

(Paper chromatography)
(Organic compounds)

KORE, S.A., kand.khim.nauk; RUDOL'FI, T.A., kand.khim.nauk; REYNGACH,
B.Ya.

New constituents of compositions having a jasmine odor,
Masl.-zhir.prom. 25 no.11:27-29 '59. (MIRA 13:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteti-
cheskikh i natural'nykh dushistykh veshchestv.
(Odorous substances)

RUDOL'FI, T.A.

Effect of extraction oils on the holding quality of perfumes.
Trudy VNIISNDV no.4:106-108 '58. (MIRA 12:5)
(Perfumes) (Essences and essential oils)

BELOV, V.N.; RUDOL'FI, T.A.

Kondakov's reaction. Reakts.org.sov. 7:255-276 '58.
(Hydrocarbons) (Acetylation) (MIRA 12:5)

RUDOLFI, Zvonimir

Checkup of steam turbines. Pt. 2. Pogon 5 no.9/10:129-131
S-0 '64.

RUDOL'FOV, S.

Using the GSS-6 signal generator in tuning up shortwave transmitters.
Radio no.5:58-59 My '56. (MIRA 9:7)
(Oscillators, Electric)

107-5-49/54

AUTHOR: Rudol'fov, S.

TITLE: Use of the ГСГ-6 Standard Signal Generator for Aligning of Short-Wave Transmitters. Experience exchange.
(Ispol'zovaniye ГСГ-6 pri nalazhivaniі KV peredatchikov. Obmen opytom)

PERIODICAL: Radio, 1956, Nr5, pp. 49-50 (USSR)

ABSTRACT: Several uses of the ГСГ-6 generator are recommended:

- Master oscillator calibration by using the zero-beat method;
- A preliminary tuning of the oscillatory circuit of an amplifier stage;
- An accurate tuning of the oscillatory circuit;
- Measurement of percentage modulation of the transmitter.

Four figures given illustrating various measuring layouts.

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Card 1/1

LACKI, M.; LUKASIAK, A.; RUDOLF-SKOKOWSKA, M.; RZEWSKA, I.

Analysis of the physical growth and health and sanitary conditions of children in grammar schools. *Pediat pol* 36 no.9:941-953 S '61.

1. Z Działu Metodyczno-Organizacyjnego -- kierownik: dr med. I.Sztachelska i z Sekcji Higieny Szkolnej-- Kierownik: dr med. M.Rudolf-Skokowska Instytutu Matki i Dziecka w Warszawie Dyrektor: prof. dr med. Fr.Groer z Departmentu Ochrony Macierzyństwa i Zdrowia Dziecka Dyrektor: dr. med. E.Pomerska i z Działu Opracowań Statystycznych GUS Dyrektor: A.Lukasiak.

(SCHOOL HEALTH)

(GROWTH)

RUDOLPH, Zygmunt, prof.

Removal of impurities in towns and suburban settlements and local
technical sanitary planning. Przegl techn 85 no.36:4 6 S '64.

RUDOLSKY, Jiri

Geology assisting agriculture. Geol pruzkum 5 no.8:254 Ag '63.

ZANNES, A.N., inzh.; RUDOL'SKIY, N.L., inzh.; PRADIN, M.D., inzh.;
SAPELKINA, O.R., inzh.; BIKHUNOV, L.Ya., inzh.; GLOZMAN, M.I.,
inzh.; Prinimali uchastiye: DEMICHEV, A.D.; SUCHKOUSOV, V.P.;
BLAGOVESHCHENSKIY, G.V.; GOLOVIN, G.F.; KAZARNOVSKIY, D.S.;
RAVITSKAYA, T.M.

Surface induction hardening of rails along their whole
length at the Azovstal' Plant. Stal' 24 no.8:731-734
Ag '64. (MIRA 17:9)

1. Nauchno-issledovatel'skiy institut tokov vysokoy chastoty
(for Demichev, Suchkousov, Blagoveshchenskiy, Golovin).
2. Ukrainskiy nauchno-issledovatel'skiy institut metallov
(for Kazarnovski, Ravitskaya).

GERSHGORN, M.A.; SVIRIDENKO, F.F.; KAZARNOVSKIY, D.S.; KRAVTSOVA, I.P.;
POPOVA, A.N.; FRADINA, M.G.; Primali uchastiye: IUKASHOV, G.G.;
MUDOL'SKIY, N.L.; SLEPKANEV, N.P.; PLISKANOVSKIY, S.T.; GORBANEV,
Ya.S.; BUL'SKIY, M.T. [deceased]; ARKHANGEL'SKIY, Yu.N.; SHAROV,
B.A.; VISTOROVSKIY, N.T.; RAKHANSKIY, B.I.; SAPOZHNIKOV, V.Ye.;
RYABININ, N.G.; KARAKULINA, R.R.; FADEYEVA, A.M.; ZVEREV, D.A.

Improving the production of high-strength rails by alloying
them with granulated ferrochromium in the ladle. Stal' 25
no.5:408-411 My '65. (MIRA 18:6)

1. Ukrainskiy nauchno-issledovatel'skiy institut metallov i zavod
"Azovstal'".

KAZARNOVSKIY, D.S.; DYUBIN, N.P.; GERSHGORN, M.A.; KRAVTSOVA, I.P.;
KLIMOV, K.N.; RUDOL'SKIY, N.L.; FRADIN, M.D.; SVIRIDENKO, F.F.;
FRADINA, M.G.; ZANNES, A.N.; CHERNOVA, A.V.

Experimental railroad rails made of chromium-nickel native
alloy steel. Stal' 22 no.6:548-550 Je '62. (MIRA 16:7)

1. Ukrainskiy nauchno-issledovatel'skiy institut metallov i
zavod "Azovstal'".

(Chromium-nickel steel)
(Railroads--Rails)

RUDOLSKY, Jiri

Commission of the International Association on Quaternary
Research met in Czechoslovakia. Geol pruzkum 5 no.12:381
D '63.

LYAKH, P.K.; RUDOMAN, V.P.; VOLODARSKIY, A.V.

Large-block assembly of blast furnace shaft jackets. Metallurg
9 no.4:10-12 Ap '64. (MIRA 17:9)

1. Zhdanovskoye stroitel'no-montazhnoye upravleniye "Yuzh-
domnaremont."

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SOV/137-59-10-22624

5.2600

Translation from: Referativnyy zhurnal, Metallurgiya, 1959, Nr 10, p 201 (USSR)

AUTHORS: Men'shikov, A.Z., Rudomanov, P.G.

TITLE: Paramagnetic Susceptibility¹ of Some High-Melting Chrome-Based Compounds

PERIODICAL: Tr. In-ta fiz. metallov AS USSR, 1959, Nr 22, pp 69 - 72

ABSTRACT: The author used the Faraday method to measure with magnetic scales the paramagnetic susceptibility of high-melting Cr-based compounds in an electric field of 8,600 oersted, using Mohr's salt as a standard. The following results for compounds of Cr with B, C, N and Si were obtained: (in 10^6 CGSM units): for $\text{Cr}_2(\text{SO}_4)_3$ 28.0; CrCl_3 21.8; Cr_2O_3 19.2; CrN 18.0; Cr_2N 5.7; CrB_2 9.0; CrB 6.7; Cr_3C_2 6.3; Cr_7C_3 3.8; Cr_4C 4.3; CrSi_2 3.3; CrSi 11.2; Cr_3Si_2 5.8; Cr_3Si 4.8 and Cr 3.4. With the use of data obtained from X-ray absorption spectra of the aforementioned compounds it was established that in the CrCl_3 - Cr_2O_3 - CrN - CrB_2 - series the bond type changes gradually from the ionic to the covalent type. The bond in Cr_3C_2 , Cr_7C_3 , CrB and Cr_2N compounds is covalent-metallic.

Card 1/1

V.V.

S/520/59/000/022/010/021
EO32/E514

24.790 (1147,1158,1160)

AUTHORS: Men'shikov, A.Z. and Rudomanov, P.G.

TITLE: Paramagnetic Susceptibility of Some High Melting Point
Chromium Base Compounds

PERIODICAL: Akademiya nauk SSSR. Ural'skiy filial, Sverdlovsk.
Institut fiziki metallov. Trudy, no.22, 1959, pp.69-72

TEXT: The measurements were carried out at room temperature
using a magnetic balance (Faraday method). The susceptibility was
calculated from the formula

$$\chi_x = \frac{I_x \chi_s m_s}{m_x I_s} \quad (1)$$

where χ_x is the susceptibility of the specimen under investigation,
 χ_s is the susceptibility of a standard specimen, m_s is the mass
of the standard, I_s is the compensation current for the standard,
 m_x is the mass of the specimen under investigation, I_x is the
compensation current for the specimen under investigation. Mohr's
salt was used as the standard specimen. The susceptibility of this
salt was assumed to be

$$\chi_s = \frac{9500}{T+1} \cdot 10^{-6} \text{ CGSM}$$

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89654

S/520/59/000/022/010/021

E032/E514

Paramagnetic Susceptibility of Some High Melting Point Chromium Base Compounds

where T is the absolute temperature. The susceptibility was first measured as a function of the magnetic field and was found to decrease up to about 7000 Oe. This was due to ferromagnetic impurities. However, above 7000 Oe the curve levelled off and became horizontal so that above this value of the magnetic field the effect of the ferromagnetic impurity is completely excluded. The results obtained are summarised in the table. A comparison of the present results with the X-ray data reported by S.A. Nemnonov and A. Z. Men'shikov (Ref.7) showed that CrCl_3 , Cr_2O_3 , CrN , CrB_2 have an ionic-covalent type of bond, while Cr_3C_2 , Cr_7C_3 , CrB and Cr_2N have a covalent-metallic type of bond. Acknowledgments are expressed to S. A. Nemnonov for discussions and interest. There are 1 figure, 1 table and 10 references: 8 Soviet and 2 non-Soviet.

Card 2/3

89654

S/528/59/000/022/010/021

E032/E514

Paramagnetic Susceptibility of Some High Melting point Chromium Base Compounds

Table

<u>Substance</u>	<u>$\chi \times 10^6$ CGSM</u>
$\text{Cr}_2(\text{SO}_4)_3$	28.0
CrCl_3	21.8
Cr_2O_3	19.2
CrN	18.0
Cr_2N	5.7
CrB_2	9.0
CrB	6.7
Cr_3C_2	6.3
Cr_7C_3	3.8
Cr_4C	4.3
CrSi_2	3.3
CrSi	11.2
Cr_3Si_2	5.8
Cr_3Si	4.8
Cr_3	3.4

Card 3/3

MEN'SHIKOV, A.Z.; RUDOMANOV, P.G.

Paramagnetic susceptibility of certain high-melting chromium-base
compounds. Trudy Inst. fiz. met. no.22:69-72 '59.

(MIRA 13:3)

(Chromium organic compounds--Magnetic properties)

BRAYNINA, Z.Z.; MIKHEYEV, M.N.; RUDOMANOV, P.G.; SELYAKHINA, V.P.

Studying the aging of silicon-manganese bronze by measurements of magnetic susceptibility and electric resistance. Fiz. met. i metalloved. 10 no.3:490-492 S '60. (MIRA 13:10)

1. Institut fiziki metallov AN SSSR.
(Bronze—Testing)

KRAYANSKIY, O.B.; LATAYEVA, D.N.; RUDOMANOVA, I.F.

Using the paper chromatography method for the quantitative determining of sugars in pentose and hexose hydrolyzates.
Izv.vys.ucheb.zav.; pishch.tekh. no.1:149-152 '63. (MIRA 16:3)

1. Krasnodarskiy institut pishchevoy promyshlennosti, kafedra fizicheskoy i kolloidnoy khimii.
(Paper chromatography) (Sugars--Analysis) (Hydrolysis)

KRAYANSKIY, O.B.; RUDOMANOVA, I.F.; LATAYEVA, D.N.

Photometric determination of pentoses in hydrolysates. Izv. vys.
ucheb.zav.; pishch.tekh. no.6:150-153 '61. (MIRA 15:2)

1. Krasnodarskiy institut pishchevoy promyshlennosti, kafedra
fizicheskoy i kolloidnoy khimii.
(Photometry)(Pentoses)(Hydrolysis)